



PATENT

Case Docket No. ALBAN13.007C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Xu et al.
Appl. No. : 10/670,083
Filed : September 23, 2003
For : METHOD AND SYSTEM OF
REPRESENTING MUSICAL
INFORMATION IN A
DIGITAL REPRESENTATION
FOR USE IN CONTENT-
BASED MULTIMEDIA
INFORMATION RETRIEVAL
Examiner : Unassigned
Group Art Unit : Unknown

I hereby certify that this correspondence and all
marked attachments are being deposited with the
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an envelope addressed to: Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-
1450, on

2/25/04
(Date)

John M. Carson, Reg. No. 34,303

TRANSMITTAL LETTER

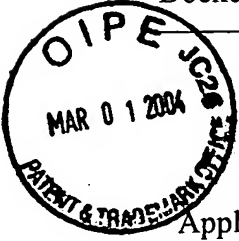
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with seven (7) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20,995
(619) 235-8550



INFORMATION DISCLOSURE STATEMENT

Applicant : Xu et al.
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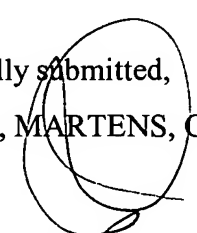
Dear Sir:

Enclosed is form PTO-1449 listing seven references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/25/04

By: 
John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. ALBAN13.007C1	APPLICATION NO. 10/670,083
	APPLICANT Xu et al.	
	FILING DATE September 23, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,918,223	6/29/1999	Blum et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	2	0 944 033 A1	9/22/1999	EP				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	3	Kim et al., "A Study on Pitch Detection Using the Local Peak and Valley for Korean Speech Recognition", (1996) IEEE Tencon, Digital Signal Processing Applications Proceedings, 26:107-111.
	4	Carre & Philippe, Indexation Audio: un etat de l'art" (2000) vol. 55, no. 9-10 pg 507-525 (an English abstract incorporated).
	5	Ghias et al., "Query by Humming", (1995) Proceedings of ACM Multimedia" pgs. 231-236
	6	Li, "Content-based Classification and Retrieval of Audio Using the Nearest Feature Line Method", (1999), IEEE Transactoins on Speech and Audio Processing Accepted.
	7	Foote, "Content-based Retrieval of Music and Audio" (1997) Proc. of SPIE, vol. 3229 pgs 138-147.

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	